

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086713.D
 Acq On : 5 May 2016 18:53
 Operator : UM/SJ
 Sample : H2807-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-007

Quant Time: May 06 01:14:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

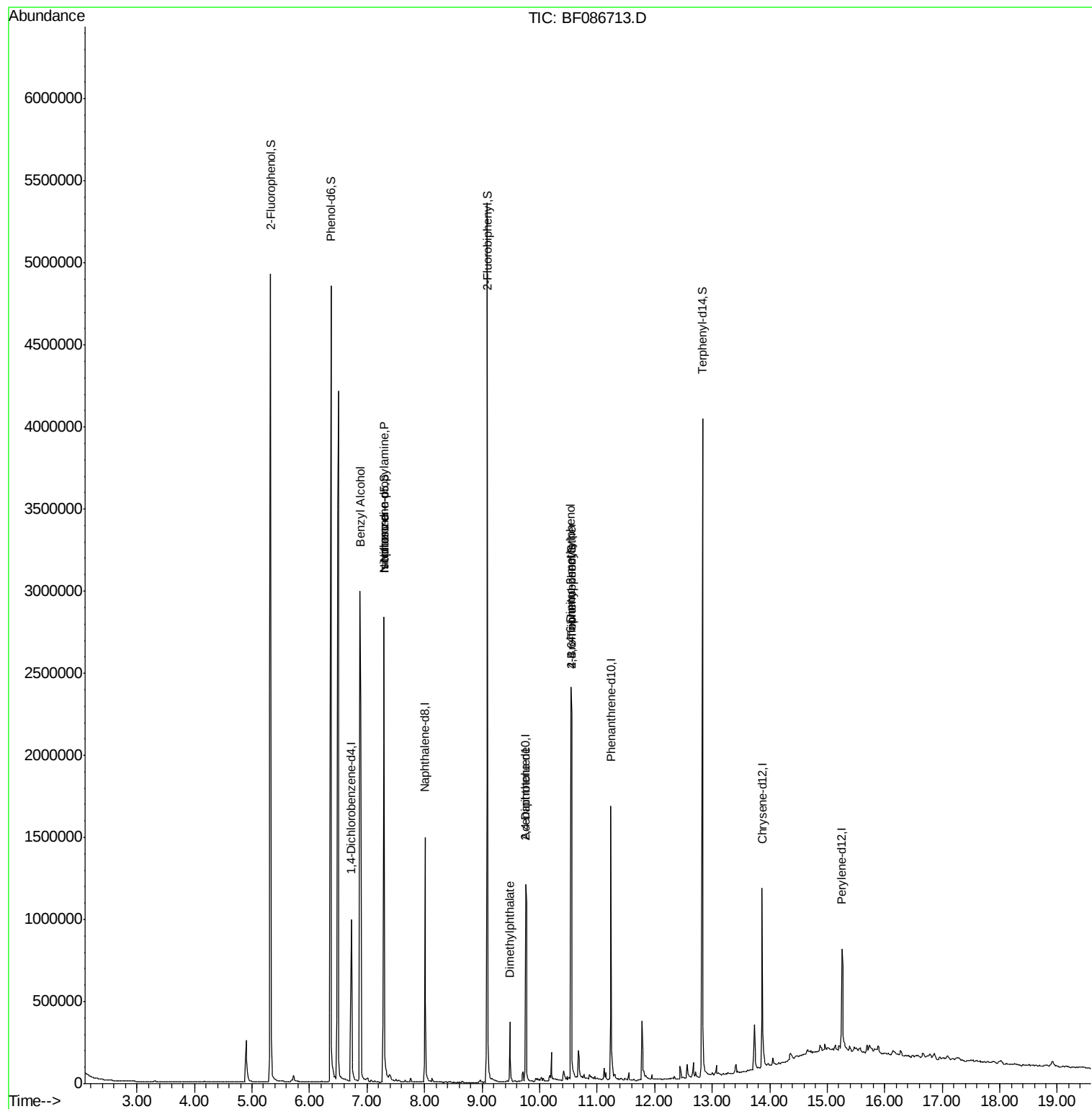
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177162	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	718089	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	336289	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	636322	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	408362	40.00	ng	-0.01
86) Perylene-d12	15.25	264	349656	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1307192	122.15	ng	0.00
7) Phenol-d6	6.37	99	1766975	122.58	ng	0.00
23) Nitrobenzene-d5	7.30	82	1252880	89.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	461652	140.33	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1646247	80.25	ng	-0.01
78) Terphenyl-d14	12.83	244	1310374	64.85	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.88	79	19060	2.04	ng	# 43
19) n-Nitroso-di-n-propylamine	7.30	70	173538	17.62	ng	# 81
25) Isophorone	7.30	82	1141903	43.88	ng	# 68
49) Dimethylphthalate	9.48	163	153148	6.11	ng	99
56) 2,4-Dinitrotoluene	9.76	165	42380	6.36	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.54	198	1055	5.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	26134	4.13	ng	# 1

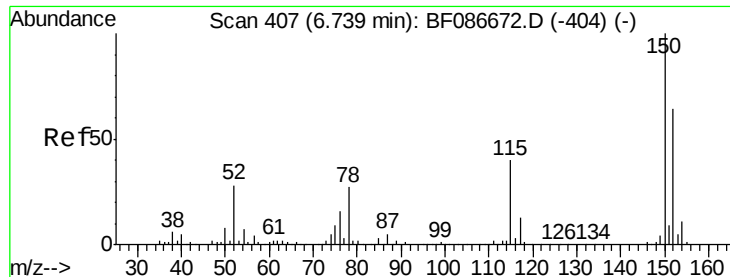
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086713.D

Acq: 5 May 2016 18:53

Instrument :

BNA_F

ClientSampleId :

NC-HC-007

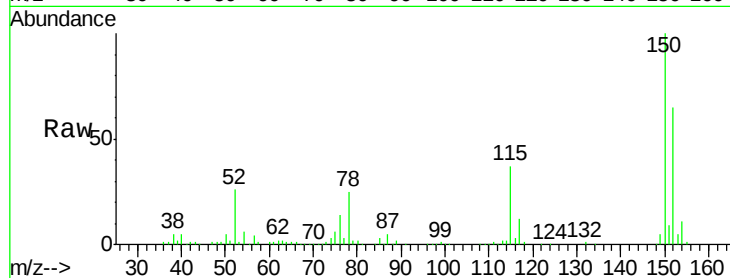
Tgt Ion:152 Resp: 177162

Ion Ratio Lower Upper

152 100

150 154.5 125.8 188.6

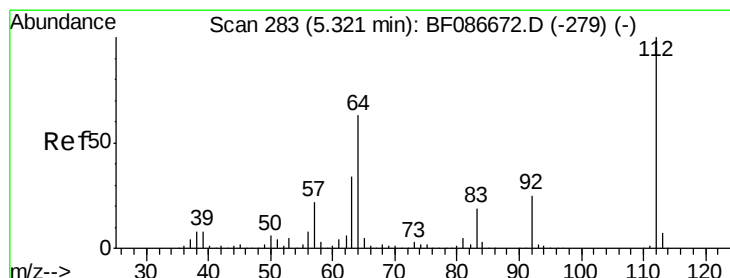
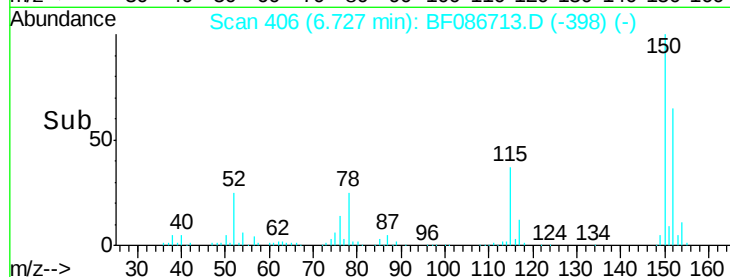
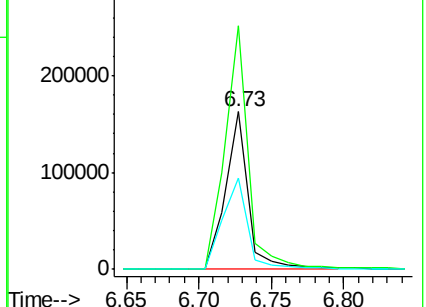
115 57.8 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 122.15 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086713.D

Acq: 5 May 2016 18:53

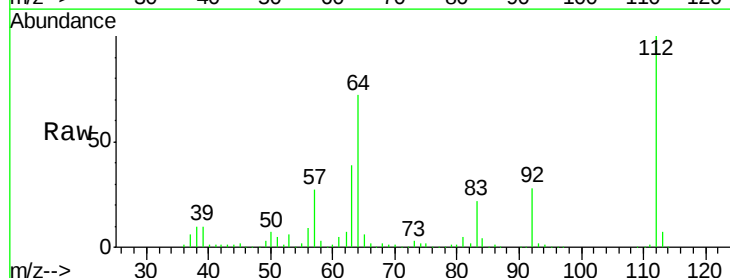
Tgt Ion:112 Resp: 1307192

Ion Ratio Lower Upper

112 100

64 72.2 52.1 78.1

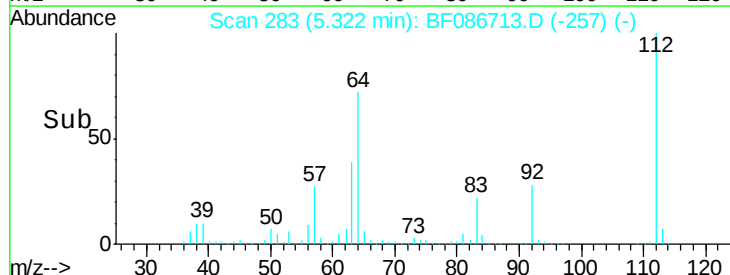
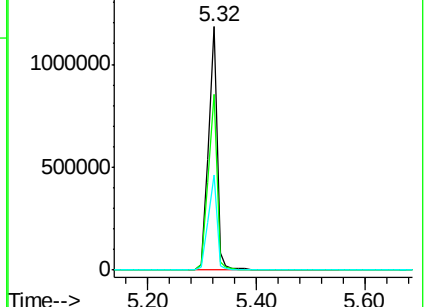
63 39.2 25.7 38.5#

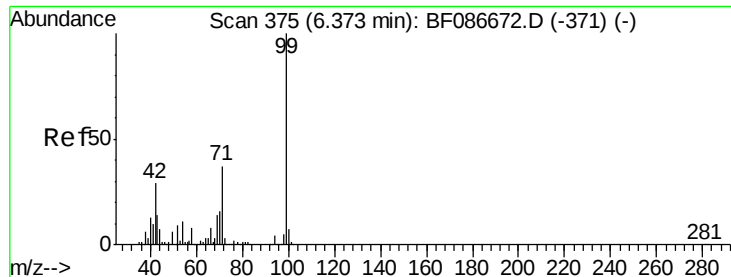


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.58 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086713.D

Acq: 5 May 2016 18:53

Instrument :

BNA_F

ClientSampleId :

NC-HC-007

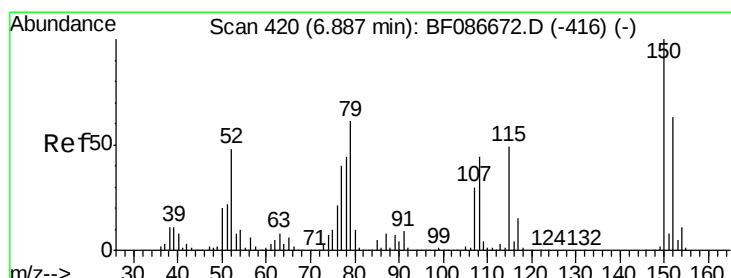
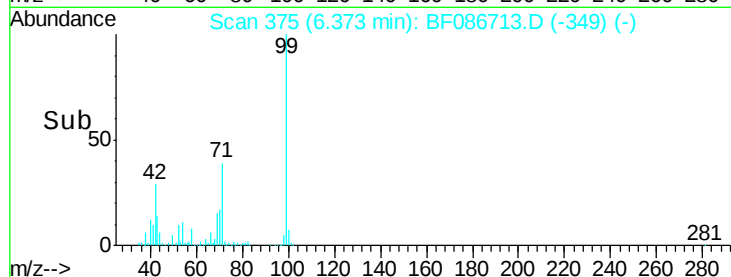
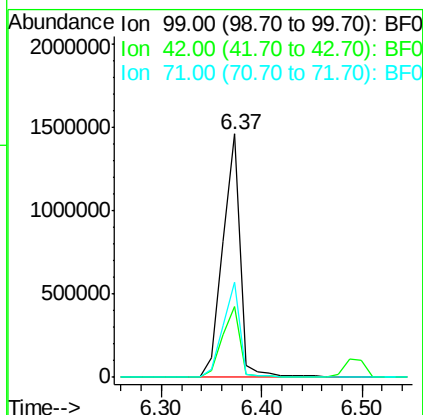
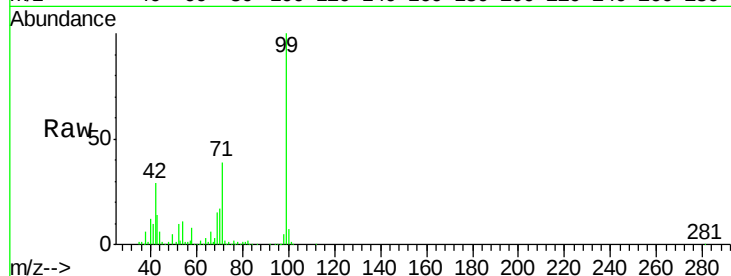
Tgt Ion: 99 Resp: 1766975

Ion Ratio Lower Upper

99 100

42 29.2 13.6 20.4#

71 39.2 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF086713.D

Acq: 5 May 2016 18:53

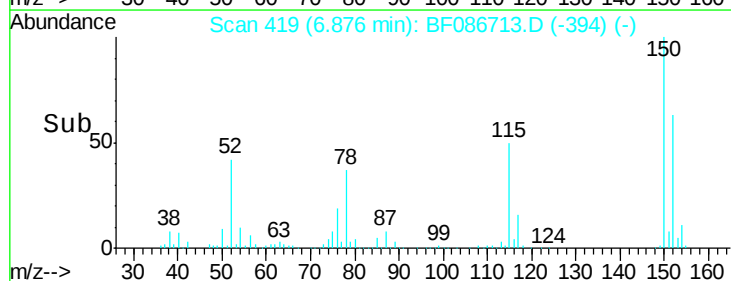
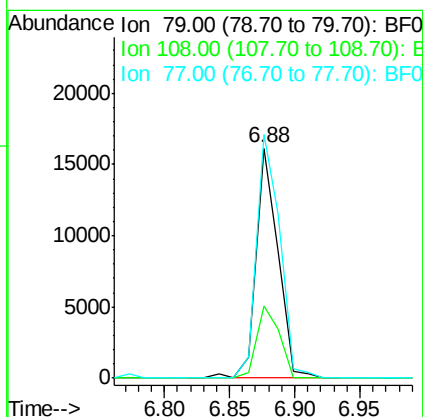
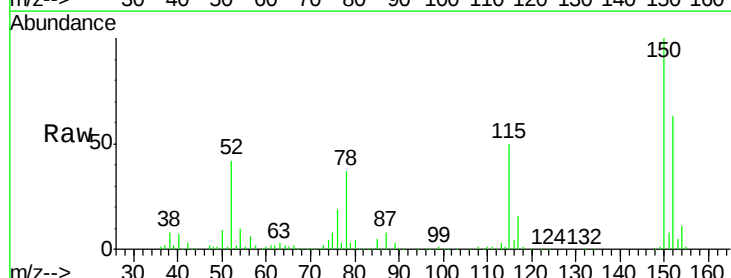
Tgt Ion: 79 Resp: 19060

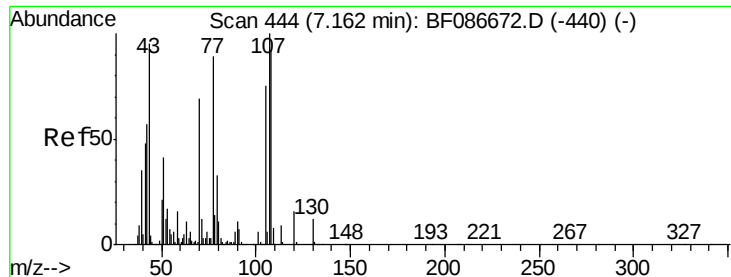
Ion Ratio Lower Upper

79 100

108 31.4 68.4 102.6#

77 105.8 50.6 76.0#

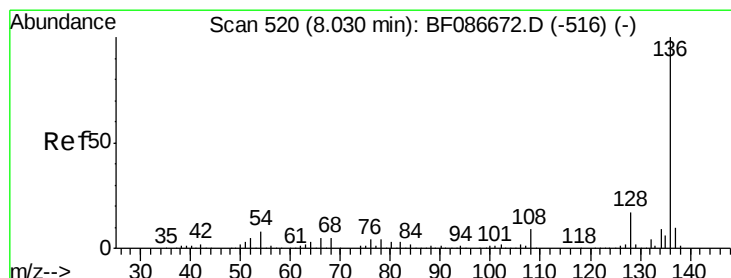
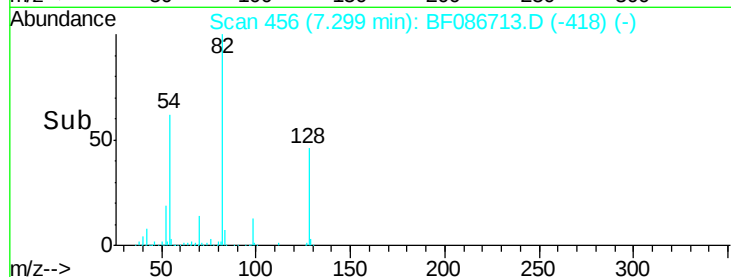
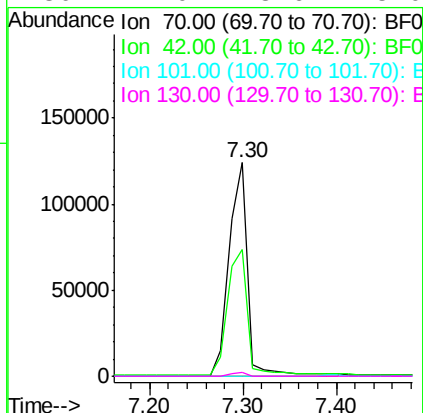
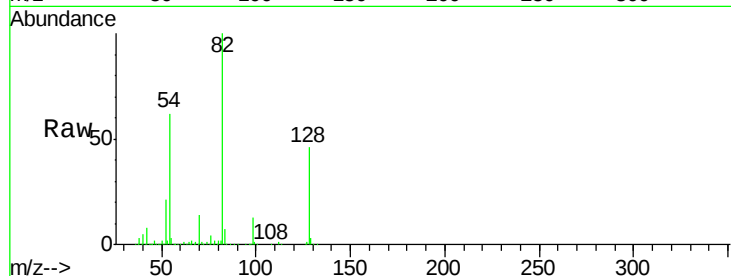




#19
n-Nitroso-di-n-propylamine
Concen: 17.62 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

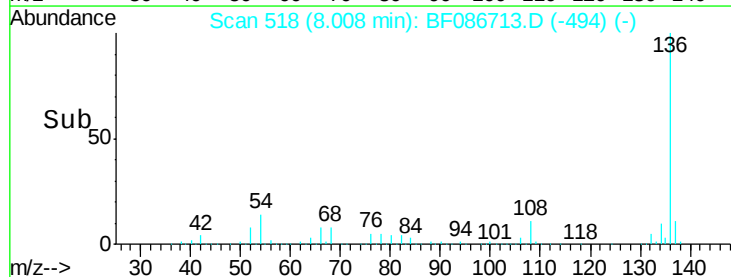
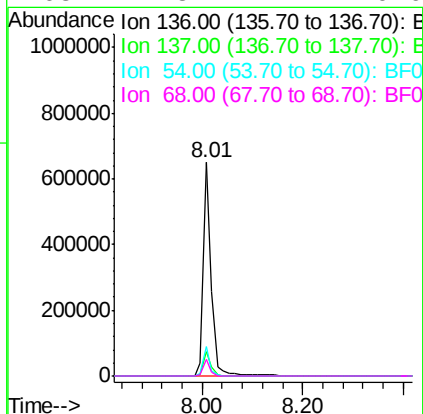
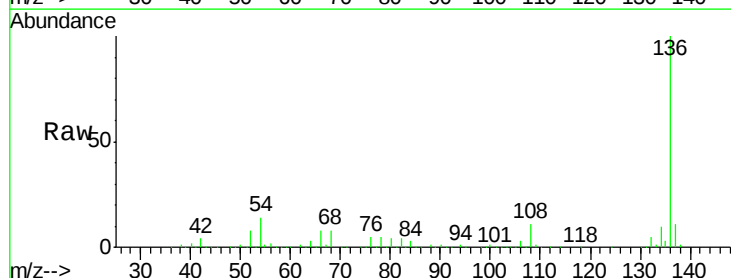
Instrument :
BNA_F
ClientSampleId :
NC-HC-007

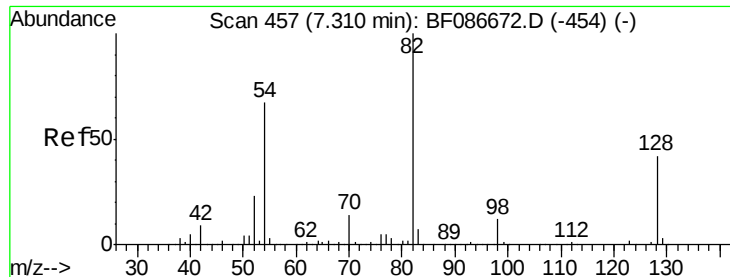
Tgt Ion: 70 Resp: 173538
Ion Ratio Lower Upper
70 100
42 59.1 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Tgt Ion: 136 Resp: 718089
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 14.0 5.0 7.4#
68 7.8 4.4 6.6#

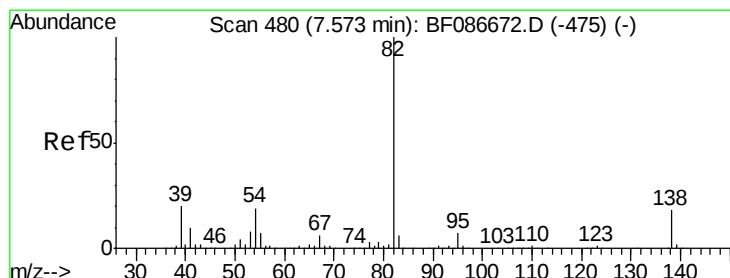
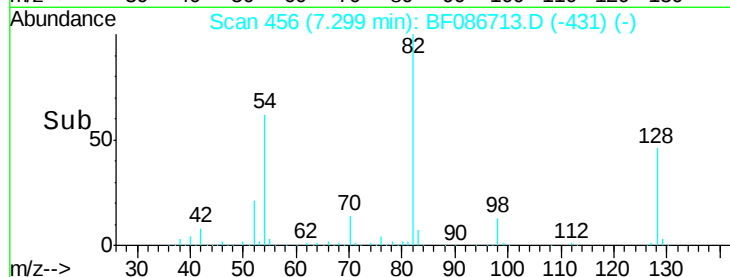
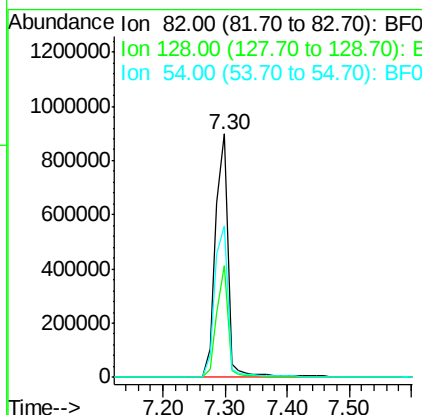
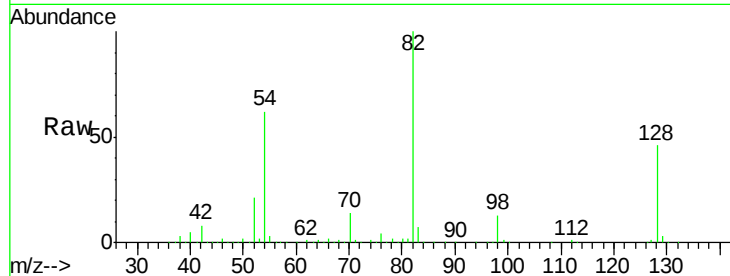




#23
 Nitrobenzene-d5
 Concen: 89.66 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

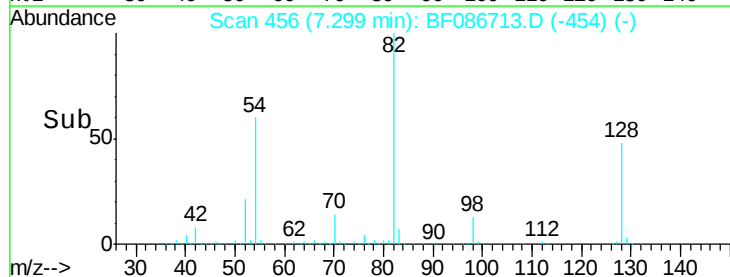
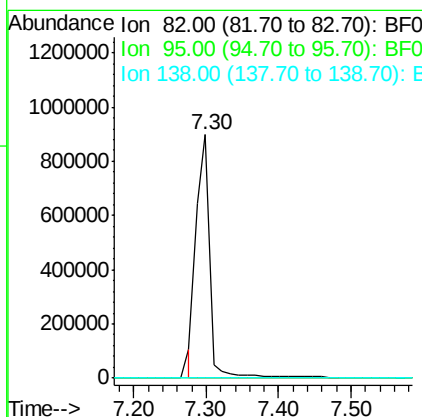
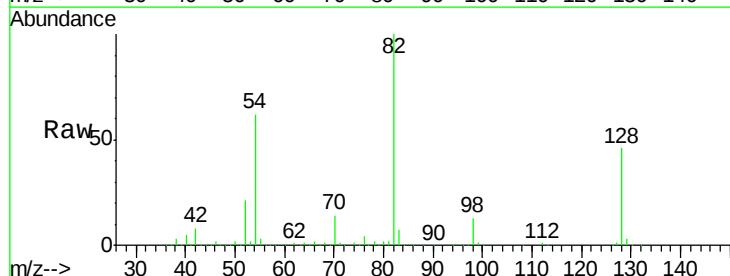
Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-007

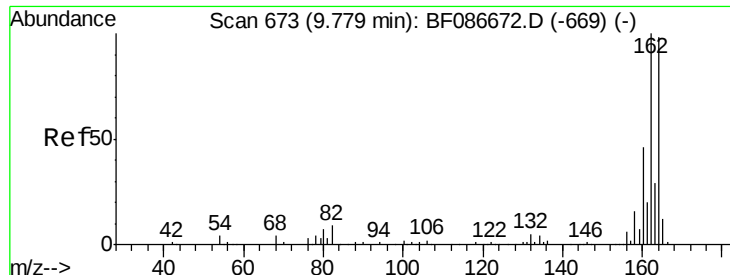
Tgt Ion: 82 Resp: 1252880
 Ion Ratio Lower Upper
 82 100
 128 46.0 40.6 61.0
 54 62.5 38.1 57.1#



#25
 Isophorone
 Concen: 43.88 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.27 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Tgt Ion: 82 Resp: 1141903
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

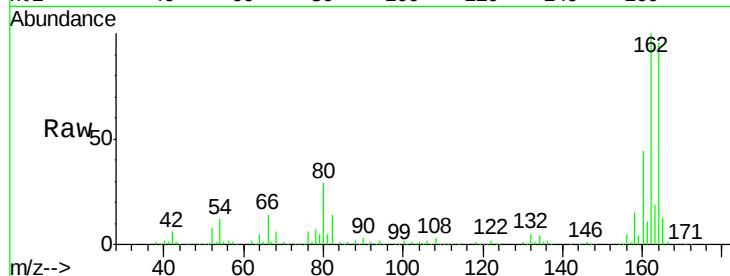




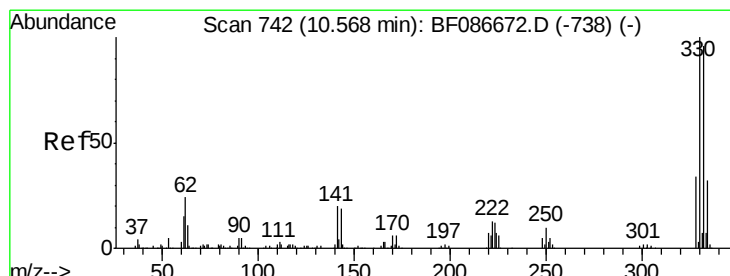
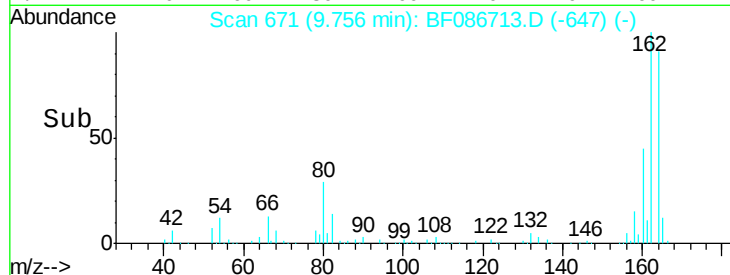
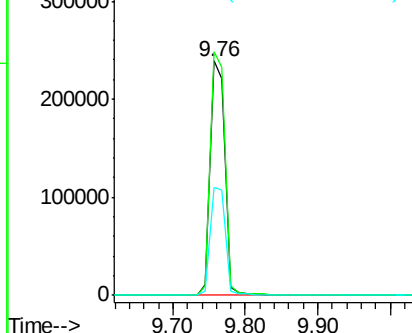
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-007

Tgt Ion:164 Resp: 336289
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 46.2 36.9 55.3

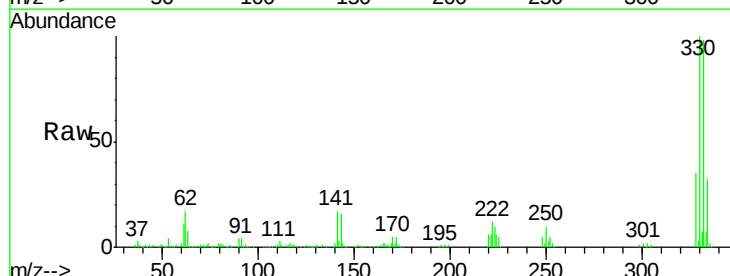


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

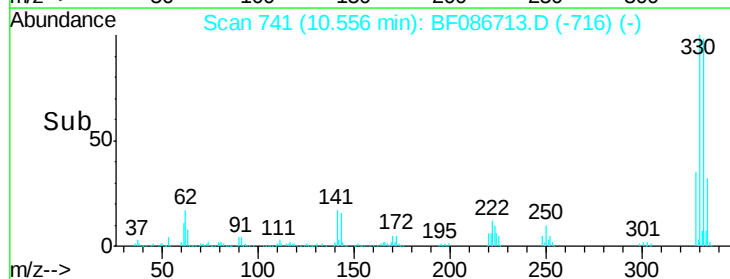
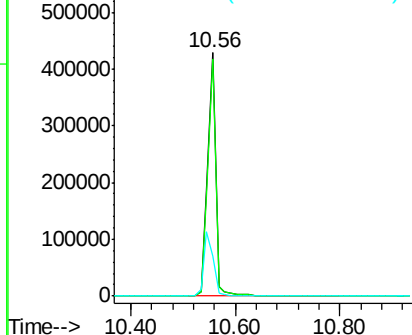


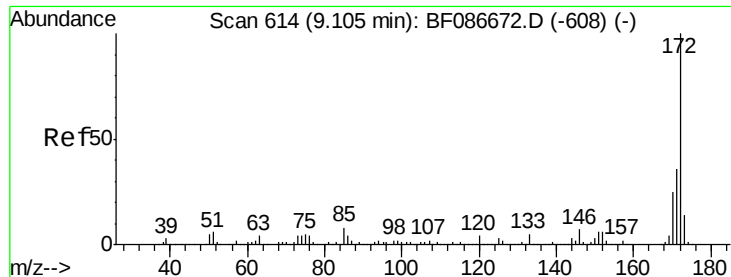
#41
 2,4,6-Tribromophenol
 Concen: 140.33 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Tgt Ion:330 Resp: 461652
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 31.3 31.2 46.8



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

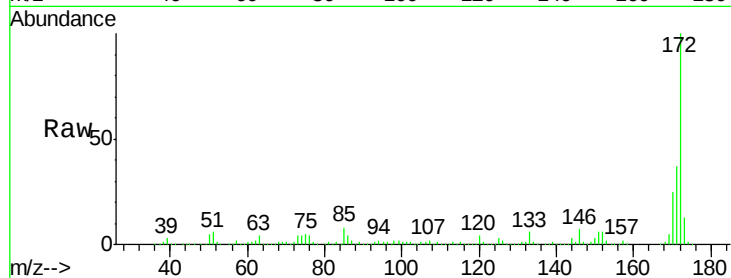




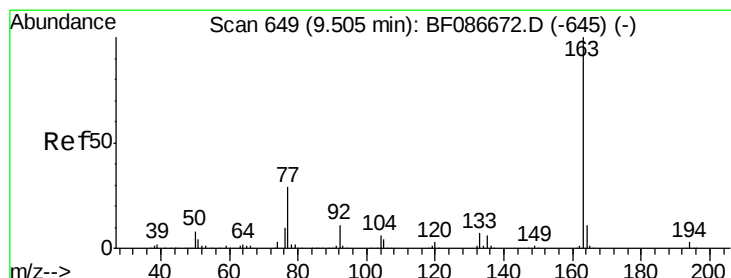
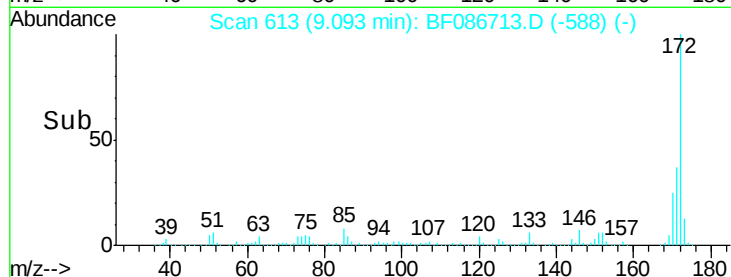
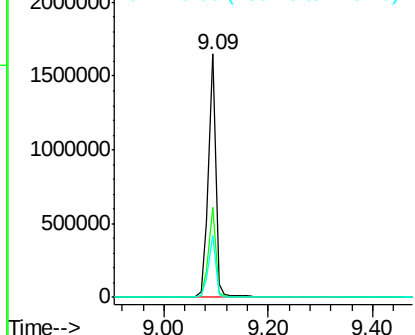
#44
 2-Fluorobiphenyl
 Concen: 80.25 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-007

Tgt Ion:172 Resp: 1646247
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 25.2 19.8 29.8

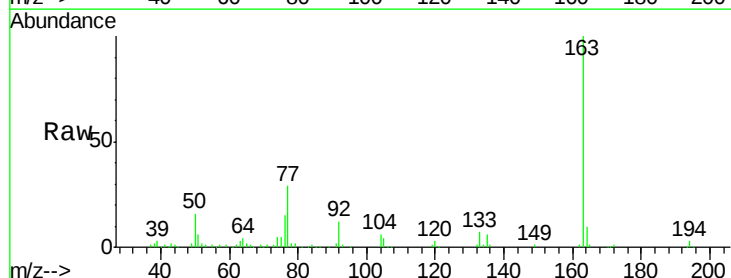


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

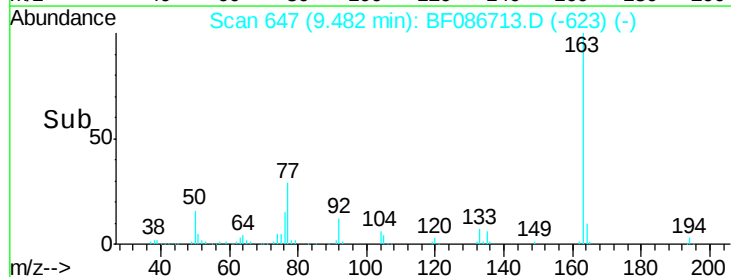
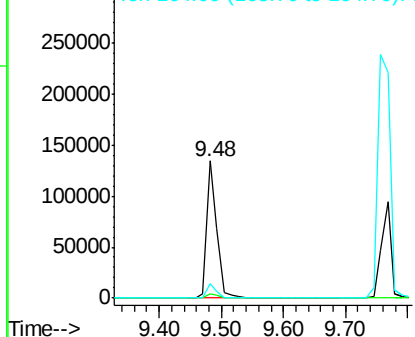


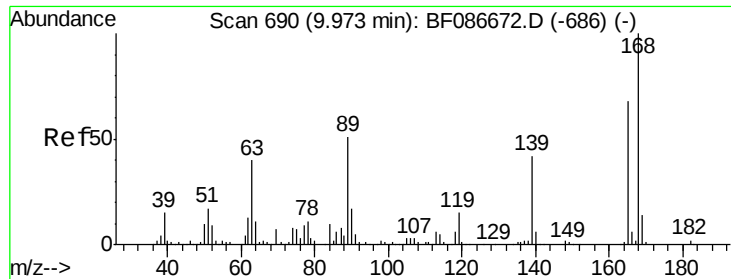
#49
 Dimethylphthalate
 Concen: 6.11 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Tgt Ion:163 Resp: 153148
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.6 4.0
 164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

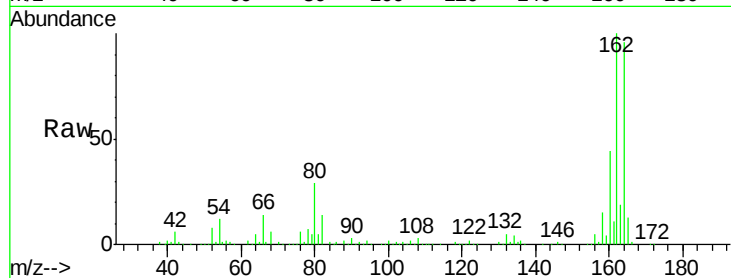




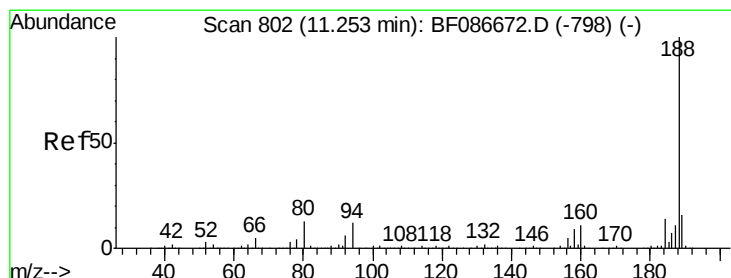
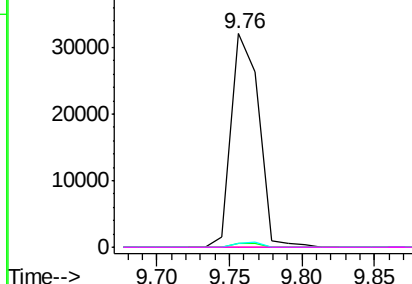
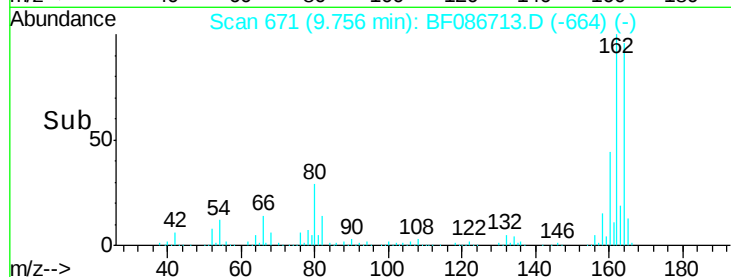
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-007

Tgt Ion:165 Resp: 42380
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.3 66.5#
 89 2.0 70.0 105.0#
 182 0.0 1.8 2.6#

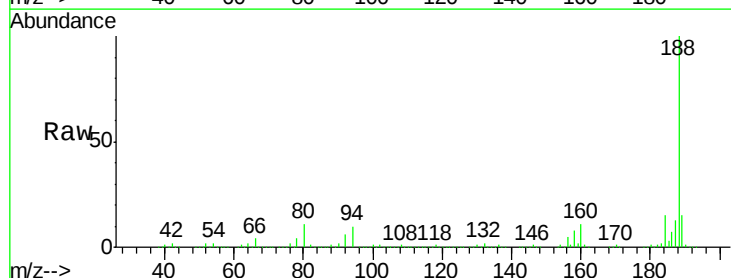


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

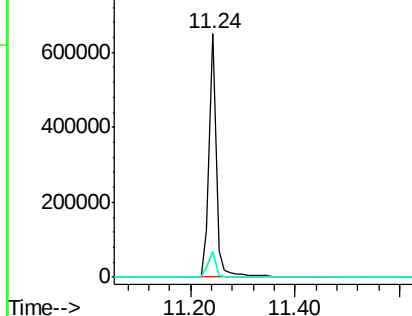
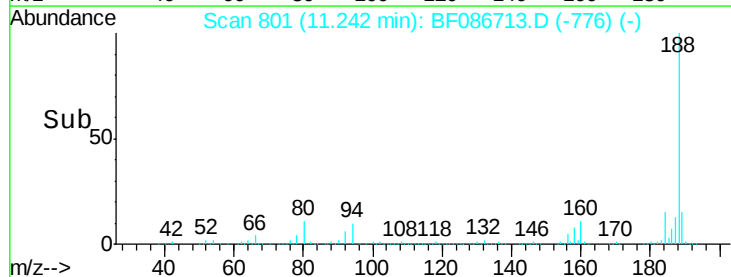


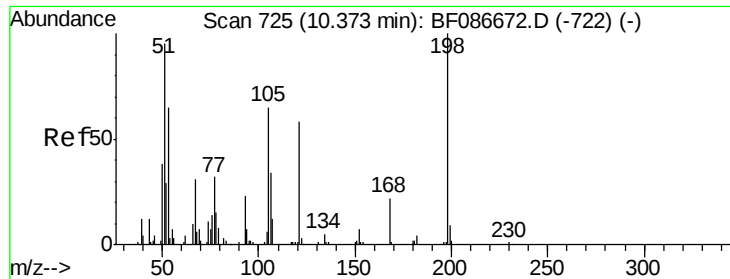
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Tgt Ion:188 Resp: 636322
 Ion Ratio Lower Upper
 188 100
 94 10.1 6.8 10.2
 80 10.6 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

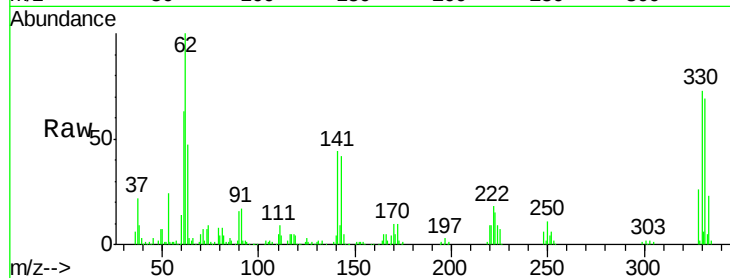




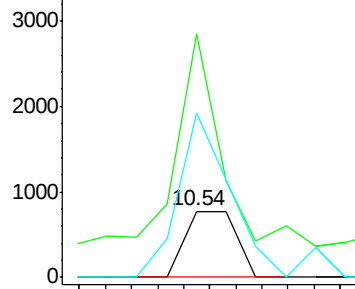
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.58 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.17 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-007

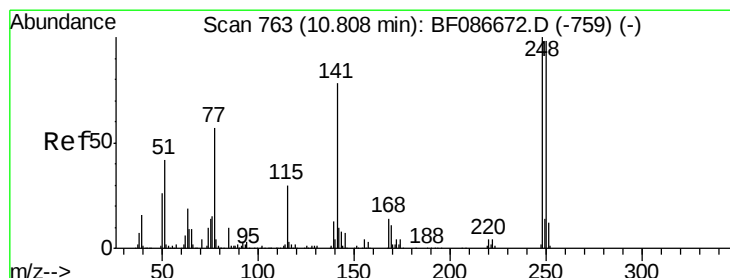
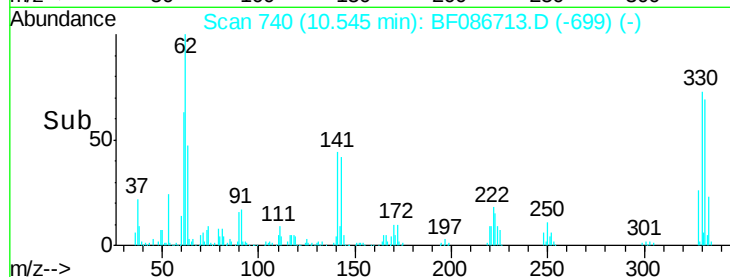
Tgt Ion:198 Resp: 1055
 Ion Ratio Lower Upper
 198 100
 51 367.3 20.5 60.5#
 105 248.6 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

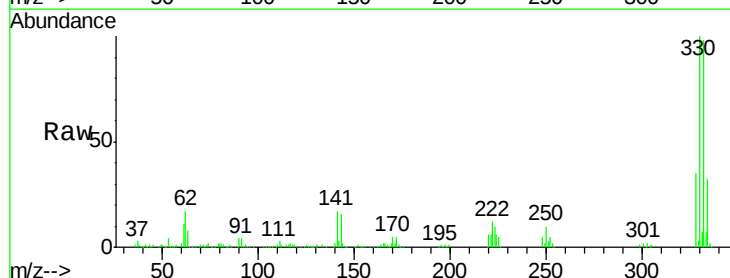


Time--> 10.50 10.55

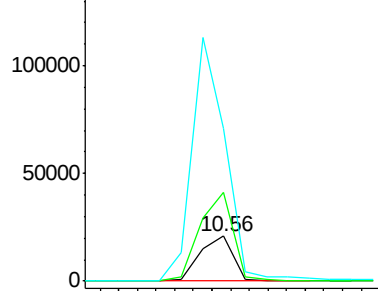


#66
 4-Bromophenyl-phenylether
 Concen: 4.13 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF086713.D
 Acq: 5 May 2016 18:53

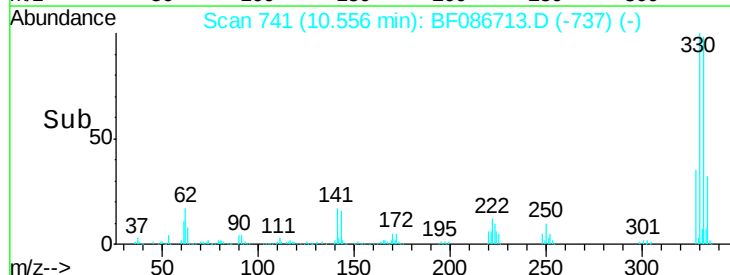
Tgt Ion:248 Resp: 26134
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.6 117.8#
 141 342.8 76.0 114.0#

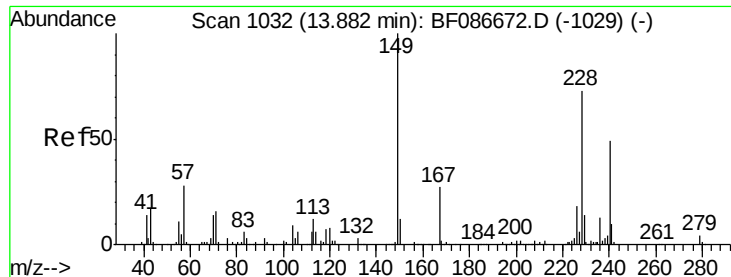


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 10.50 10.55 10.60





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086713.D

Acq: 5 May 2016 18:53

Instrument :

BNA_F

ClientSampleId :

NC-HC-007

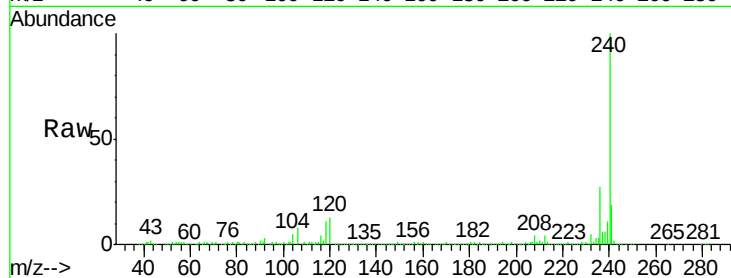
Tgt Ion:240 Resp: 408362

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

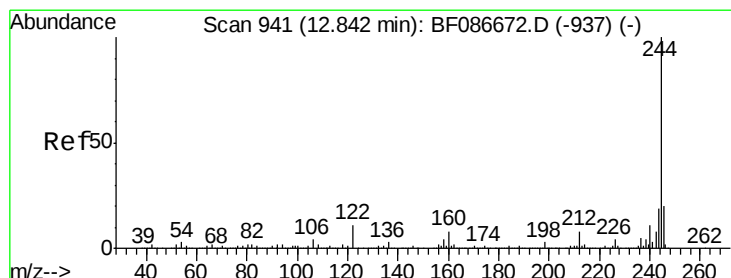
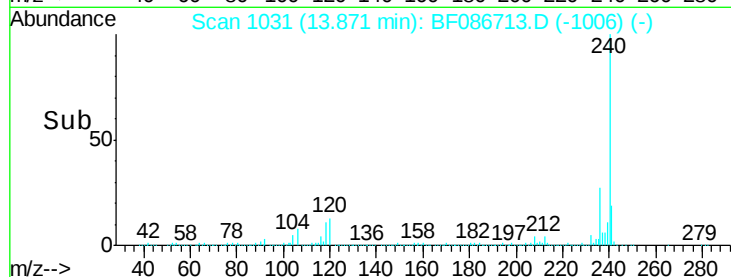
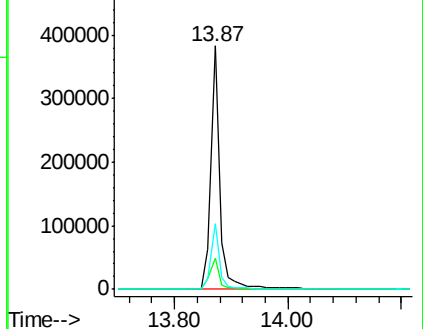
236 26.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 64.85 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086713.D

Acq: 5 May 2016 18:53

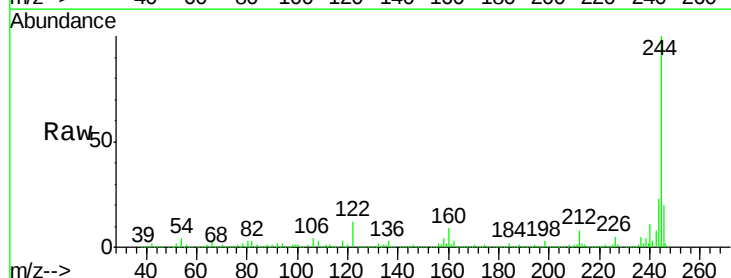
Tgt Ion:244 Resp: 1310374

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

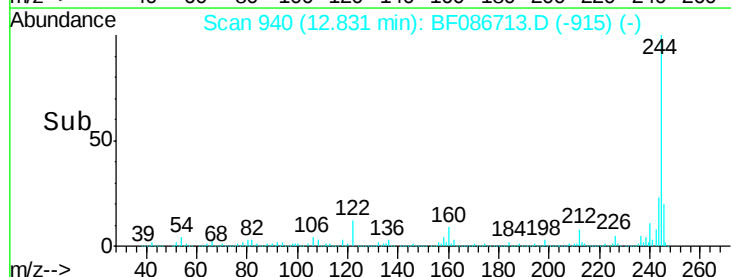
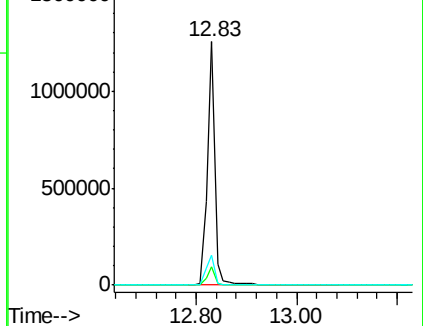
122 12.3 12.0 18.0

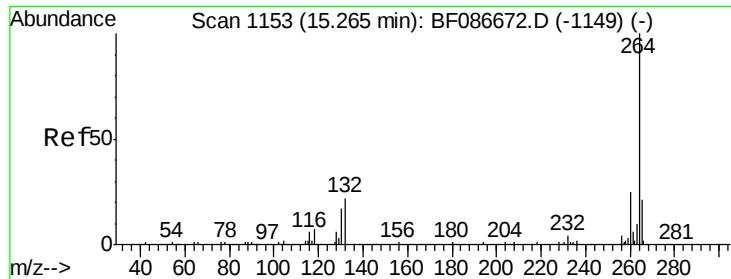


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF086713.D
Acq: 5 May 2016 18:53

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.2	17.3	25.9

